

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 –14 (previously canceled)

Claim 15 (previously amended) A reagent for diagnosing diseases in which activated eosinophils are present at the disease site, said reagent selected from the group consisting of 3,5-dibromotyrosine, a peptide consisting of 3-bromotyrosine and one or more amino acids, a peptide containing 3,5-dibromotyrosine, and combinations thereof.

Claim 16 (withdrawn) The reagent of claim 15 wherein said reagent is a heavy isotope labeled 3-bromotyrosine or a heavy isotope labeled 3,5-dibromotyrosine.

Claim 17 (withdrawn) The reagent of claim 16 wherein said reagent is labeled with $^{13}\text{C}_6$, $^2\text{H}_4$, or $^{13}\text{C}_9$ and $^{15}\text{N}_1$.

Claims 18–20 (previously canceled)

21-24 (canceled)

Claim 25 (previously amended) The reagent of claim 15, wherein said reagent is a peptide consisting of 3-bromotyrosine and one or more amino acids.

Claim 26 (withdrawn) The reagent of claim 15 wherein said reagent is a peptide containing 3, 5 dibromotyrosine.

Claim 27 (previously amended) The reagent of claim 15, wherein said reagent is a combination of 3-bromotyrosine, 3,5-dibromotyrosine, a peptide consisting of 3-bromotyrosine and one or more amino acids, and a peptide containing 3,5-dibromotyrosine.

Claim 28 (withdrawn) The reagent of claim 15 wherein said reagent is a combination of 3-bromotyrosine, and 3,5-dibromotyrosine.

Claim 29 (currently amended) The reagent of claim 15, wherein said reagent is a combination of a peptide consisting of 3-bromotyrosine and one or more amino ~~acids~~, acids and a peptide containing 3,5-dibromotyrosine.

Claim 30 (withdrawn) The reagent of claim 15 wherein said reagent is a heavy isotope labeled 3-bromotyrosine.

Claim 31 (withdrawn) The reagent of claim 15 wherein said reagent is a heavy isotope labeled 3,5-bromotyrosine.

Claim 32 (withdrawn) The reagent of claim 15 wherein said reagent is a heavy isotope labeled 3-bromotyrosine and a heavy isotope labeled 3,5 dibromotyrosine.

Claim 33 (previously amended) The reagent of claim 15, wherein said reagent is a peptide consisting of a heavy isotope labeled 3-bromotyrosine and one or more amino acids.

Claim 34 (previously amended) The reagent of claim 15, wherein said reagent is a combination of a peptide consisting of a heavy isotope labeled 3-bromotyrosine and one or more unmodified amino acids, and a peptide containing a heavy isotope labeled 3,5-dibromotyrosine.

Claim 35. (previously presented) The reagent of claim 33 wherein said reagent is labeled with a heavy isotope selected from the group consisting of ^2H , ^{13}C , ^{15}N , and $^{13}\text{C}_6$.

Claim 36 (withdrawn) The reagent of claim 34 wherein said reagent is labeled with a heavy isotope selected from the group consisting of ^2H , ^{13}C , ^{15}N , and $^{13}\text{C}_6$.